NADY™ AUDIO

PCL Series Power Conditioners

PCL-800
POWER CONDITIONER
1800 WATTS CAPACITY
REAR OUTLETS ON OFF

PCL-810
RACK LIGHTS
PULL
POWER CONDITIONER & LIGHT MODULE
1800 WATTS CAPACITY
PULL
MIN MAX
DIMMER
REAR OUTLETS ON OFF

PCL-815
RACK LIGHTS
DIMMER
MIN MAX
PULL
117
PULL
OVER VOLTAGE
STANDARD VOLTAGE
POWER CONDITIONER & LIGHT MODULE
1800 WATTS CAPACITY
REAR OUTLETS ON OFF

OWNER'S MANUAL

PCL Series
Power Conditioners

NADY™
AUDIO

Congratulations!

You have purchased on of the finest professional power conditioners on the market today. This unit was developed using the expertise of professional sound engineers and working musicians. You will find your new unit has superior performance and greater flexibility than any other power conditioner in its price range.

Read this manual carefully to get the most out of your new unit. Thanks for selecting NADY AUDIO for your choice in power conditioners.

PCL-800 Power conditioner
PCL-810 Power conditioner with dimmable
front-panel slide-out lights
PCL-815 Power conditioner with lights and
AC meter display

Date of Purchase _____

Dealer's Name _____

City _____

State _____

Zip _____

Model# _____

Serial # _____

Features

For advanced RF/EMI noise filtering and the quietest operation of your equipment...

- Triple mode varistor surge and spike protection
- Eight rear outlets (with room for 4 "wall warts") controlled by a front panel switch
- 15 amp rating (1800 W) with rear panel circuit breaker (UL)
- Two added front panel slide-out, swiveling lights for rack illumination and dimmer controls to adjust lamp brightness (PLC-810 and PLC-815 only)
- Large LED numeric meter that displays incoming AC line voltage and 2 voltage condition indicators-standard voltage and over voltage (PLC-815 only)
- Rugged single rack space metal housing for maximum reliability

CONTENTS

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

ATTENTION: RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER TO SERVICING TO QUALIFIED SERVICE PERSONNEL.

An equilateral triangle enclosing a lightening flash/arrowhead symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure which may be of sufficient magnitude to constitute a risk of electric shock.

An equilateral triangle enclosing an exclamation point is intended to alert the user to the presence of important operating and service instructions in the literature enclosed with this unit.
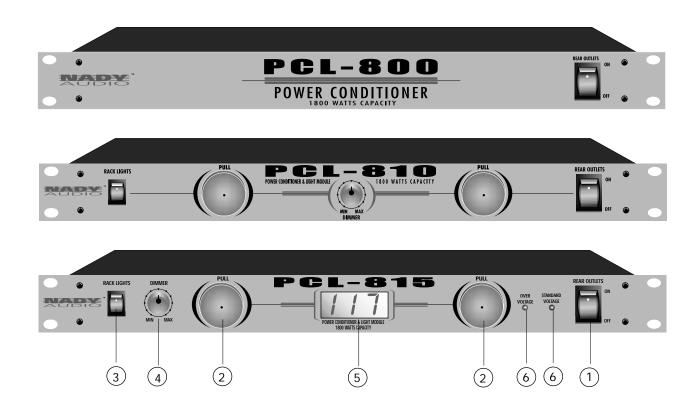
IMPORTANT SAFETY INSTRUCTIONS

WARNING – When using electric products, basic precautions should always be followed, including the following:

1. Read all the instructions before using the product.
2. Do not use this product near water (e.g., near a bathtub, washbowl, kitchen sink, in a wet basement, or near a swimming pool, etc.).
3. This product should be used only with a cart or stand that will keep it level and stable and prevent wobbling.
4. This product, in combination with amplifiers, headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult aaudiologist.
5. The product should be located so that its location or position does not interfere with its proper ventilation.
6. The product should be located away from heat sources such as radiators, heat vents, or other devices (including amplifiers) that produce heat.
7. The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.
8. The power supply cord should : (1) be undamaged, (2) never share an outlet or extension cord with other devices so that the outlet's or extension cord's power rating is exceeded, and (3) be left plugged into the outlet when left unused for a long period of time.
9. Care should be taken so that objects do not fall into, and liquids are not spilled through, the enclosure's openings.
10. The product should be serviced by qualified service personnel when:
    A. The power supply cord or the plug has been damaged; or
    B. Objects have fallen into, or liquid has been spilled onto the product; or
    C. The product has been exposed to rain; or
    D. The product does not appear to operate normally or exhibits a marked change in performance; or
    E. The product has been dropped, or the enclosure damaged.
11. Do not attempt to service the product beyond what is described in the user-maintenance instructions. All other servicing should be referred to qualified service personnel.
12. Do not defeat the safety purpose of the grounding–type plug, which features a third grounding prong. If this provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

FRONT PANEL

1. **POWER SWITCH**
   Outlet switch (with built-in LED ON indicator) activates protection and filtration to all back panel outlets. To turn the unit ON or OFF, press the upper or lower portion of this button.

2. **2 RETRACTABLE RACK LIGHTS**
   Pull out for illumination and swivel to desired angle

3. **LIGHT SWITCH**
   Activates rack illumination

4. **DIMMER CONTROL**
   Use to control the intensity of the illumination. Turning clockwise increases the light output.
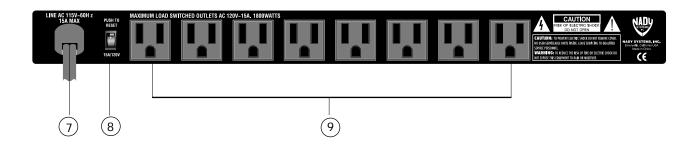
5. **DIGITAL VOLTMETER READOUT**
   Displays incoming AC line voltage

6. **VOLTAGE LED METER**
   Separate green and red LEDs monitor the incoming voltage range. The green LED indicates voltage is in the normal operating range. The red LED lights when the voltage exceeds 125V, indicating that the supplied power is out of range for normal operation.

REAR PANEL

LINE AC 115V~60H z
15A MAX

PUSH TO
RESET

15A/120V

MAXIMUM LOAD SWITCHED OUTLETS AC 120V~15A, 1800WATTS

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT REMOVE COVER.
NO USER-SERVICEABLE PARTS INSIDE. LEAVE SERVICING TO QUALIFIED
SERVICE PERSONNEL.
WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK DO
NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

NADY SYSTEMS, INC.
Emeryville, California USA
Made in China

CE

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7. POWER CORD
Heavy duty 14-guage power cord for connection to the AC power mains (~115V/60Hz)

8. CIRCUIT BREAKER
Resettable 15 amp thermal circuit breaker

9. 8 REAR PANEL OUTLETS
EMI/RFI filtered, spike/surge protected and switched

Installation and operation

1. The PCL Series conditioners are the perfect accessories for any rack mount system. Install in the top slot of a standard 19-inch rack, and the 8 switched AC outlets on the rear panel will provide full safety protection to all your rack equipment. These conditioners protect your delicate electronic equipment by combining a high voltage varistor surge and transient suppressor with an RFI/EMI interference filter. The filter helps prevent noise from fluorescent lights, motors, and similar sources of "electronic pollution" from contaminating the AC feed to your senitive video, audio, vtr or computer circuits.

2. Plug **Power Cord (7)** into a standard grounded 115V outlet

3. Plug sensitive electronic equipment into the **8 Rear Panel Outlets (9)**

4. Turn **Outlet Power Switch (1)** to "ON" position. Lit LED indicates conditioned power to the connected equipment.

5. For discreet illumination of your rack equipment on stage, in studios, and in other dark locations (PCL-810/815 only), pull the **2 Retractable Rack Lights (2)** out and adjust the **Dimmer Control (4)** for the lamp brightness desired (see fig.1 below). The lights swivel and can be adjusted to the proper angle for your application. The lamps are supplied with standard 5W night-light bulbs. If you find the heat from the bulbs excessive, reduce the setting of the **Dimmer Control** or substitute lesser wattage bulbs. You can easily replace the bulbs without removing the unit from the rack by unscrewing the cap on the end of each light tube. *(Note: Be careful not to push the tubes in while the caps are unscrewed.)*

6. The **Digital Voltmeter Readout (5)** (PCL-815 only) is calibrated to a nominal 117 VAC at the factory. No adjustments are necessary.

7. The **Digital Voltmeter Readout (5)** automatically displays incoming voltage when the **Power Cord (7)** is connected.

8. MAXIMUM LOAD: The PCL Series Power Conditioners **8 Rear Panel Outlets** are rated at 15 amps total load (or 1800W at 120VAC). If this maximum load is exceeded, the **Circuit Breaker (8)** will trip, cutting off power to all connected equipment in your rack. If this happens, reduce the load by unplugging one or more units from the power conditioner, and push the circuit breaker to reset it (see fig.2 below).
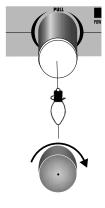
fig.1   fig.2

Specifications

PROTECTION PROVIDED   High voltage varistor surge and transient suppressor,
                                       RFI/EMI interference filtration

OUTLET CONNECTORS   8 standard 3-prong grounded AC receptacles

POWER CONSUMPTION   Maximum 1800W/15A load

POWER SOURCE   ~120VAC/60 Hz

CIRCUIT BREAKER   15A thermal type

LAMPS (PCL-810/815)   5W (two)

DIMENSIONS   19″ X 1.75″ X 7.3″
                                       (483 X 44 X 185mm), 1U rack height

WEIGHT   **PCL-800**   4.45 lbs (2.0 Kg)
                                       PCL-810   4.5 lbs (2.05 Kg)
                                       PCL-815   4.55 lbs (2.07 Kg)

For improvement purposes, specifications, design and appearance subject to change without prior notice

SERVICE

(U.S.) Should your NADY AUDIO product require service, please contact the Nady Service Department via telephone at (510) 652-2411 or E-mail at *service@nadywireless.com*.

(INTERNATIONAL) For service, please contact the NADY AUDIO distributor in your country through the dealer from whom you purchased this product.

> DO NOT ATTEMPT TO SERVICE THIS UNIT YOURSELF AS IT CAN BE DANGEROUS AND ALSO WILL VOID THE WARRANTY.